

## ABSTRACT

## SIGNAL PROCESSING

5           A method is provided for processing a signal containing regular or quasi-regular elements of unwanted signal, the method comprising the steps of:

          establishing timing characteristics of the unwanted signal elements in a portion of said signal;

          generating a time domain window function using said established timing  
10   characteristics; and

          applying the generated window function to said signal portion to selectively reduce the amplitude of said unwanted signal elements relative to other elements of said signal.

          Preferably the method includes applying an algorithm to restore the  
15   positions and amplitudes of spectral peaks in a frequency domain representation of the windowed signal.

(Figure 1)